

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092420\
 Data File : BM027512.D
 Acq On : 24 Sep 2020 16:05
 Operator : JU/CG
 Sample : SST01004
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST01004

Quant Time: Sep 24 19:52:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 24 19:51:19 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	78782	20.00	ng/ul	0.00
18) Naphthalene-d8	10.598	136	276924	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.445	164	199491	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.186	188	475072	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.362	240	525953	20.00	ng/ul	# 0.00
86) Perylene-d12	23.633	264	544458	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	5889	4.25	ng/uL	0.00
5) Phenol-d5	6.969	99	50975	9.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.145	67	30731	10.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.340	132	44050	9.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	40871	9.49	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	20047	9.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.681	143	20208	9.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	54708	10.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.728	131	57174	10.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.851	166	161052	10.43	ng/ul	0.00
47) Acenaphthylene-d8	14.133	160	193651	10.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.621	143	20448	9.45	ng/ul	0.00
58) Fluorene-d10	15.433	176	147622	10.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.539	200	21145	8.22	ng/ul	0.00
71) Anthracene-d10	17.280	188	236930	10.57	ng/ul	0.00
79) Pyrene-d10	19.574	212	272787	9.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.491	264	291697	10.08	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	7510	4.60	ng/uL	91
4) Benzaldehyde	6.951	77	38683	11.11	ng/ul	95
6) Phenol	6.992	94	52018	9.84	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.234	93	41574	9.85	ng/ul	96
10) 2-Chlorophenol	7.375	128	45356	9.93	ng/ul#	90
11) 2-Methylphenol	8.245	108	39682	9.52	ng/ul	98
12) 2,2'-oxybis(1-Chloropr...	8.345	45	33508	10.22	ng/ul	98
14) Acetophenone	8.628	105	72207	10.33	ng/ul	90
15) N-Nitroso-di-n-propyla...	8.610	70	35521	10.18	ng/ul	93
16) 4-Methylphenol	8.569	108	42841	9.66	ng/ul	99
17) Hexachloroethane	8.892	117	22402	10.27	ng/ul#	64
20) Nitrobenzene	8.998	77	55915	10.01	ng/ul	94
21) Isophorone	9.528	82	98502	10.24	ng/ul#	93
23) 2-Nitrophenol	9.710	139	23098	9.84	ng/ul	88
24) 2,4-Dimethylphenol	9.769	107	53886	10.33	ng/ul	98
25) Bis(2-Chloroethoxy)met...	10.010	93	55251	10.04	ng/ul	97
27) 2,4-Dichlorophenol	10.239	162	52943	9.99	ng/ul#	94
28) Naphthalene	10.645	128	147016	10.40	ng/ul	98
30) 4-Chloroaniline	10.751	127	56611	10.64	ng/ul	99
31) Hexachlorobutadiene	10.939	225	55932	10.42	ng/ul	98
32) Caprolactam	11.498	113	10705	9.71	ng/ul	96
33) 4-Chloro-3-methylphenol	11.869	107	43016	9.85	ng/ul#	88
34) 2-Methylnaphthalene	12.263	142	109784	10.22	ng/ul	94
35) 1-Methylnaphthalene	12.480	142	108694	10.35	ng/ul	100
37) 1,2,4,5-Tetrachloroben...	12.627	216	92050	10.16	ng/ul#	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.616	237	54371	8.97	ng/ul	97
39) 2,4,6-Trichlorophenol	12.869	196	47775	9.75	ng/ul	98
40) 2,4,5-Trichlorophenol	12.933	196	51091	9.79	ng/ul	96
41) 1,1'-Biphenyl	13.274	154	160564	10.55	ng/ul#	98
42) 2-Chloronaphthalene	13.316	162	132100	10.39	ng/ul	96
43) 2-Nitroaniline	13.510	65	24092	9.44	ng/ul#	74
45) Dimethylphthalate	13.898	163	164741	10.46	ng/ul#	99
46) 2,6-Dinitrotoluene	14.010	165	28892	9.65	ng/ul	90
48) Acenaphthylene	14.163	152	185038	10.53	ng/ul	98
49) 3-Nitroaniline	14.339	138	23516	9.92	ng/ul#	82
50) Acenaphthene	14.504	153	132095	10.58	ng/ul	98
51) 2,4-Dinitrophenol	14.539	184	14548	8.46	ng/ul#	64
53) 4-Nitrophenol	14.633	109	22839	9.54	ng/ul#	83
54) Dibenzofuran	14.839	168	196758	10.48	ng/ul	96
55) 2,4-Dinitrotoluene	14.798	165	41108	10.06	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.063	232	45402	10.00	ng/ul#	84
57) Diethylphthalate	15.268	149	149492	10.34	ng/ul	94
59) Fluorene	15.492	166	163131	10.69	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.492	204	101920	10.62	ng/ul#	89
61) 4-Nitroaniline	15.498	138	27190	10.82	ng/ul	92
64) 4,6-Dinitro-2-methylph...	15.557	198	23774	8.44	ng/ul#	81
65) N-Nitrosodiphenylamine	15.698	169	136287	10.32	ng/ul	98
66) 4-Bromophenyl-phenylether	16.380	248	63789	10.08	ng/ul	93
67) Hexachlorobenzene	16.492	284	73636	10.32	ng/ul#	92
68) Atrazine	16.651	200	56438	9.79	ng/ul	97
69) Pentachlorophenol	16.827	266	34955	8.97	ng/ul	98
70) Phenanthrene	17.227	178	271323	10.57	ng/ul	100
72) Anthracene	17.315	178	278591	10.67	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.239	216	85923	9.81	ng/uL	98
74) Pentachlorobenzene	14.757	250	85461	10.02	ng/uL	96
75) Carbazole	17.580	167	218367	10.54	ng/ul	97
76) Di-n-butylphthalate	18.162	149	229348	10.24	ng/ul	99
77) Fluoranthene	19.239	202	348102	10.63	ng/ul#	93
80) Pyrene	19.598	202	359114	10.03	ng/ul#	93
81) Butylbenzylphthalate	20.515	149	73568	8.80	ng/ul#	89
82) 3,3'-Dichlorobenzidine	21.280	252	110487	9.81	ng/ul#	99
83) Benzo(a)anthracene	21.350	228	363436	10.38	ng/ul	98
84) Bis(2-ethylhexyl)phtha...	21.297	149	121982	9.49	ng/ul	97
85) Chrysene	21.397	228	349574	10.33	ng/ul	99
87) Di-n-octyl phthalate	22.191	149	198437	8.33	ng/ul	100
88) Benzo(b)fluoranthene	22.950	252	361094	10.01	ng/ul	99
89) Benzo(k)fluoranthene	22.997	252	368859	10.24	ng/ul#	98
91) Benzo(a)pyrene	23.533	252	343060	10.29	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.927	276	424812	10.15	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.944	278	362097	10.28	ng/ul#	97
94) Benzo(g,h,i)perylene	26.626	276	350795	10.12	ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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